

Journées ÉMOIS
Nancy - 21 mars 2002

The U.S. National Library of Medicine



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Lister Hill National Center
for Biomedical Communications
Bethesda, Maryland - USA

Outline

- ◆ Where ?
- ◆ When ?
- ◆ Who ?
- ◆ What ?
 - MEDLINE et les collections spécialisées
 - MEDLINE*plus*
 - Autres services



Where ?



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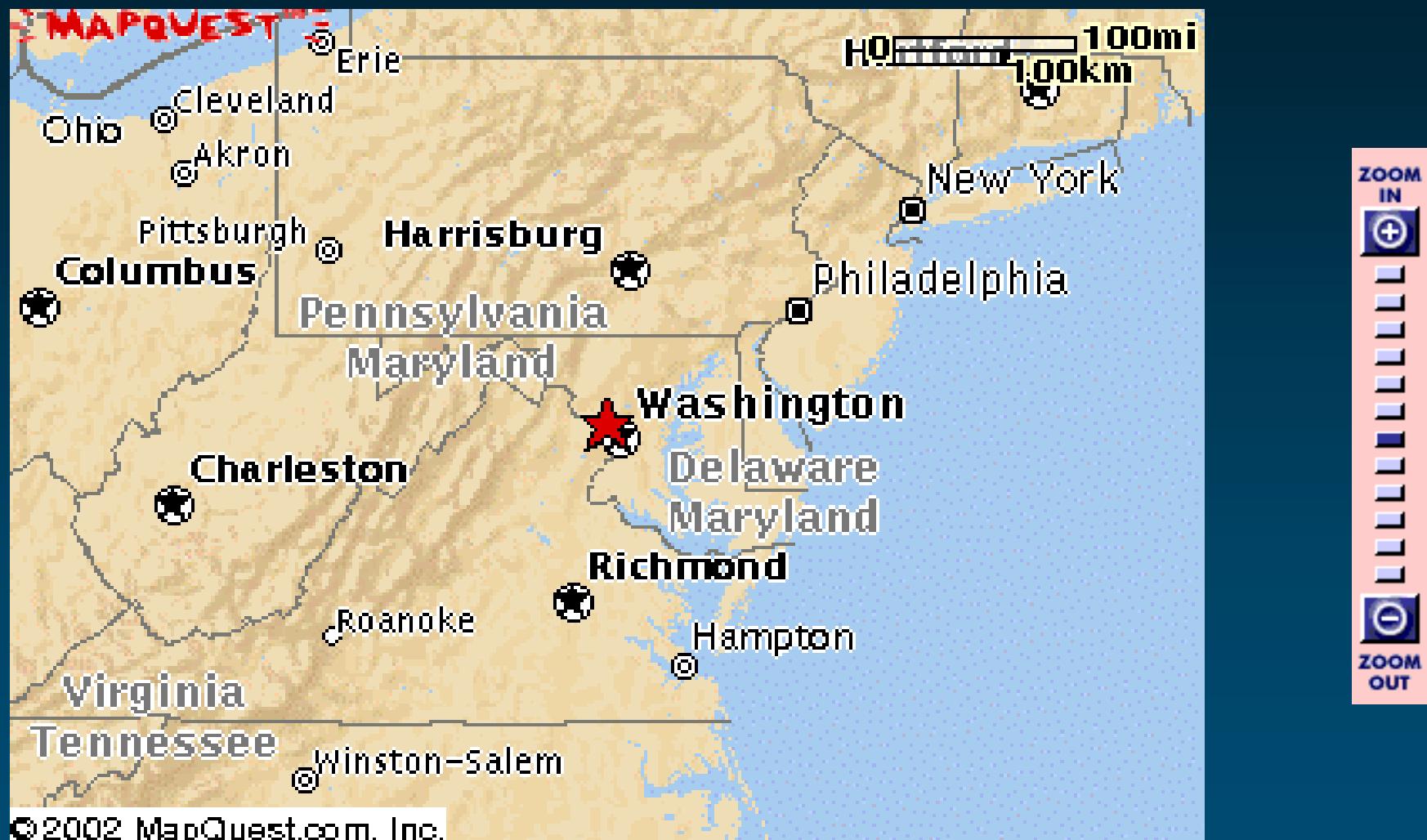


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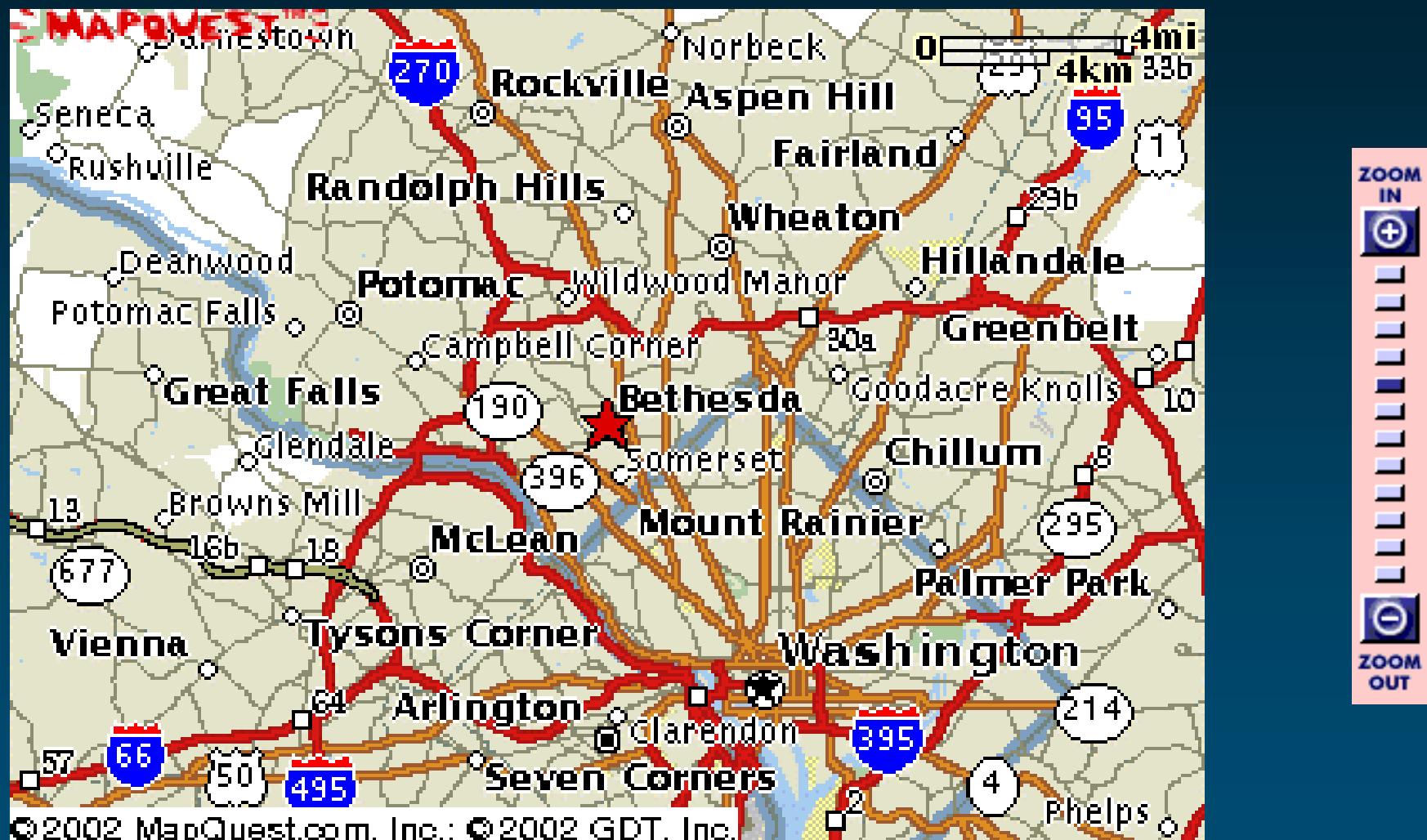
Where ?



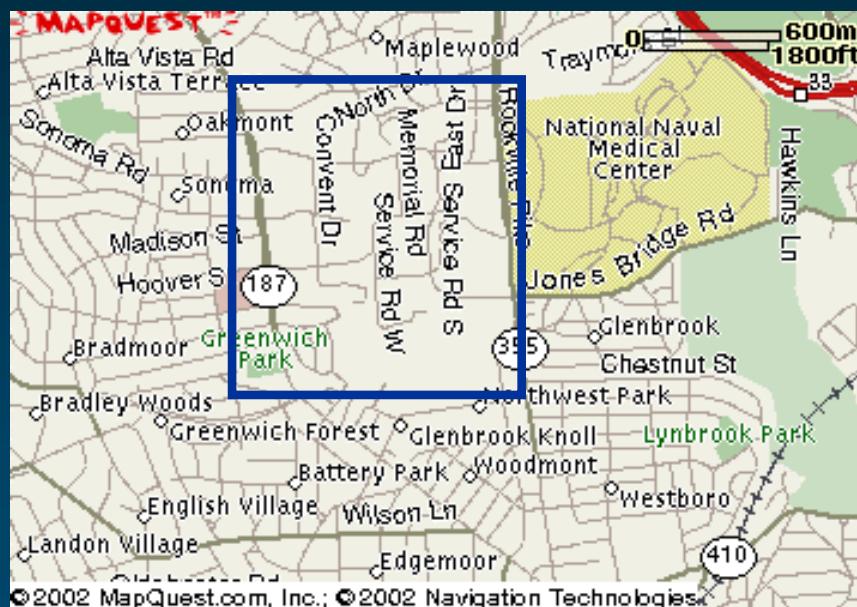
Where ?



Where ?



Where ?



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Where ?



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Where ?



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Where ?



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When ?

- ◆ Fondée en 1836
(Bibliothèque de l'Armée de Terre)
- ◆ Devient “National Library of Medicine” en 1956
- ◆ Intégrée aux National Institutes of Health
(qui existaient depuis 1887)



Who ?

- ◆ 800 employés
 - 600 fonctionnaires
 - 200 personnes sous contrat
- ◆ NIH emploie environ 16.000 personnes

- ◆ 1% du budget des NIH
- ◆ \$277 M\$



What ?

- ◆ Library Operations

- Collections, bases de données
- Formation et dissémination des connaissances
- Financement de la recherche

- ◆ Départements de recherche

- Lister Hill National Center for Biomedical Communications
- National Center for Biotechnology Information



Salle de lecture



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Bibliothèque

- ◆ Salle de lecture ouverte au public
- ◆ Peut accueillir 124 personnes
- ◆ Le public constitue la majorité des utilisateurs
- ◆ 180 revues en accès libre (10 années),
ainsi que des encyclopédies et autres ouvrages
- ◆ Abonnement à 23.000 revues
- ◆ 6 millions d'items, représentant 80 langues
- ◆ Catalogue en ligne : Locatorplus



MEDLINE

- ◆ Medical Literature, Analysis, and Retrieval System Online
- ◆ 11 millions d'articles
- ◆ 4.600 revues
 - Sciences de la vie,
particulièrement sciences biomédicales
- ◆ Depuis 1966
- ◆ Contenu
 - Titre et résumé ou article complet
 - Indexation (MeSH)



MEDLINE PubMed

- ◆ Accès gratuit à MEDLINE depuis 1997
- ◆ 7,5 millions de requêtes par an avant 1997
- ◆ 25 millions de requêtes par mois actuellement
- ◆ 50% des requêtes proviennent des USA



Entrez-PubMed - Netscape

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Bookmarks Location: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi What's Related

NCBI PubMed NLM

PubMed Nucleotide Protein Genome Structure PopSet Taxonomy OMIM Books

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PubMed Services Journal Browser MeSH Browser Single Citation

• Enter one or more search terms, or click [Preview/Index](#) for advanced searching.

• Enter [author names](#) as smith jc. Initials are optional.

• Enter [journal titles](#) in full or as MEDLINE abbreviations. Use the [Journal Browser](#) to find journal titles.

PubMed, a service of the National Library of Medicine, provides access to over 11 million MEDLINE citations back to the mid-1960's and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources.

Document: Done

MEDLINEplus

- ◆ Service dédié aux usagers (“consumer health”)
- ◆ 6 millions de requêtes par mois
- ◆ Pointeurs vers des ressources sélectionnées
 - Plus de 500 sujets traités
 - Encyclopédie et dictionnaires médicaux
 - Répertoire des médicaments
 - Répertoire de fournisseurs de soins



 MEDLINEplus Health Information from the National Library of Medicine - Netscape

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Bookmarks Location: <http://medlineplus.gov/> What's Related N

Text version

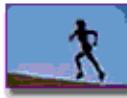
MEDLINEplus

Health Information

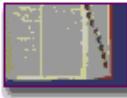
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 **Health Topics**
Information on conditions, diseases and wellness, plus a medical encyclopedia

 **Drug Information**
Generic and brand name drugs

 **Dictionaries**
Spellings and definitions of medical terms

 **Directories**
Locations and credentials of doctors, dentists and hospitals

 **Other Resources**
Access to organizations, consumer health libraries, international sites, publications, MEDLINE and more

Current Health News

- [Better Media Coverage of Vaccines Needed](#)
- [Implanted Defibrillator Can Cut Death Rate](#)
- [Calcium May Cut Cancer Risk](#)
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Featured Site

Take an interactive health survey from [HowsYourHealth.org](#)

ClinicalTrials.gov
Information about clinical research studies

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Health Topics

Find your topic by first letter:

| | | | | | | | |
|---|---|---|---|---|---|---|-----|
| A | B | C | D | E | F | G | H |
| I | J | K | L | M | N | O | P |
| Q | R | S | T | U | V | W | XYZ |

Find your topic by broad group:

Body Location/Systems

- [Blood/Lymphatic System](#)
- [Bones, Joints and Muscles](#)
- [Brain and Nervous System](#)
- [Cancers](#)
- [Digestive System](#)
- [Ear, Nose, and Throat](#)
- [Endocrine System \(Hormones\)](#)
- [Eyes and Vision](#)
- [Genetics/Birth Defects](#)
- [Heart and Circulation](#)
- [Immune System/AIDS](#)
- [Infections](#)
- [Injuries and Wounds](#)
- [Kidneys and Urinary System](#)
- [Lungs and Breathing](#)

Procedures

- [Procedures and Therapies](#)
- [Symptoms and Manifestations](#)

Demographic Groups

- [Child and Teen Health](#)
- [Men's Health](#)
- [Population Groups](#)
- [Seniors' Health](#)
- [Women's Health](#)

Health and Wellness

- [Food, Nutrition and Metabolism](#)
- [Health System](#)
- [Safety](#)
- [Sexual Health](#)

Interactive Health Tutorials

Learn more about selected topics with sound and pictures.

Medical Encyclopedia

Contains hundreds of illustrations and photographs

Frequently Requested Topics

- [Alzheimer's Disease](#)
- [Anthrax](#)
- [Breast Cancer](#)
- [Diabetes](#)
- [Fibromyalgia](#)
- [Heart Attack](#)
- [High Blood Pressure](#)
- [Knee Injuries and Disorders](#)
- [Lung Cancer](#)
- [Multiple Sclerosis](#)
- [Parkinson's Disease](#)
- [Sexually Transmitted Diseases](#)



Knee Injuries and Disorders

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The primary NIH organization for research on Knee Injuries and Disorders is the [National Institute of Arthritis and Musculoskeletal and Skin Diseases](#)

Search MEDLINE for recent research articles on

[Knee Injuries and Disorders](#)

Latest News

- [Timing May Be Key in Hip, Knee Replacements](#) (03/12/2002, Reuters)
- [Helping Girls Move 'Like Boys' Cuts Knee Injuries](#) (02/21/2002, Reuters)

From the National Institutes of Health

- [Questions and Answers About Knee Problems](#) (National Institute of Arthritis and Musculoskeletal and Skin Diseases)

General/Overviews

- [Knee](#) (American Academy of Orthopaedic Surgeons)

Clinical Trials

- [Clinical Trials: Knee Injuries](#) (CenterWatch, Inc.) - industry-sponsored clinical trials
- [Clinical Trials: Knee Replacement](#) (CenterWatch, Inc.) - industry-sponsored clinical trials

Diagnosis/Symptoms

- [Knee Arthroscopy Interactive Tutorial](#) (Patient Education Institute) - requires Flash plug-in
- [Knee Problems: Self-Care Flowcharts](#) (American Academy of Family Physicians)
- [MR Imaging \(MRI\)-Musculoskeletal](#) (American College of Radiology, Radiological Society of North America)

Pictures/Diagrams

- [Anatomy of the Knee](#) (American Academy of Orthopaedic Surgeons)

Prevention/Screening

- [Knee Bracing -- What Works?](#) (American Academy of Family Physicians)

Rehabilitation

Autres services

- ◆ **Gateway**
accès aux autres ressources de la NLM
- ◆ **ClinicalTrials.gov**
base de données des essais cliniques
- ◆ **Visible Human**
représentation 3D de l'anatomie humaine
- ◆ **Services bioinformatiques**
ressources génomiques et protéomiques



NLM Gateway Search - Netscape

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Gateway

your entrance to the knowledge resources of the National Library of Medicine

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The NLM Gateway allows users to search in multiple retrieval systems at the U.S. National Library of Medicine (NLM). The current Gateway searches MEDLINE/PubMed, OLDMEDLINE, LOCATORplus, MEDLINEplus, DIRLINE, AIDS Meetings, Health Services Research Meetings, Space Life Sciences Meetings, and HSRProj. See the [Overview](#) for details.

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 ClinicalTrials.gov - Linking Patients to Medical Research - Netscape

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ClinicalTrials.gov

A service of the National Institutes of Health
Developed by the National Library of Medicine



Linking patients to medical research

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The U.S. [National Institutes of Health](#), through its [National Library of Medicine](#), has developed *ClinicalTrials.gov* to provide patients, family members and members of the public current information about clinical research studies. Before searching, you may want to learn more about [clinical trials](#) and more about [this Web site](#). Check often for regular updates to *ClinicalTrials.gov*.

Search Clinical Trials

Enter words or phrases, separated by commas:

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Search by Specific Information

[Focused Search](#) - search by disease, location, treatment, sponsor...

Browse

[Browse by Condition](#) - studies listed by disease or condition
[Browse by Sponsor](#) - studies listed by funding organization

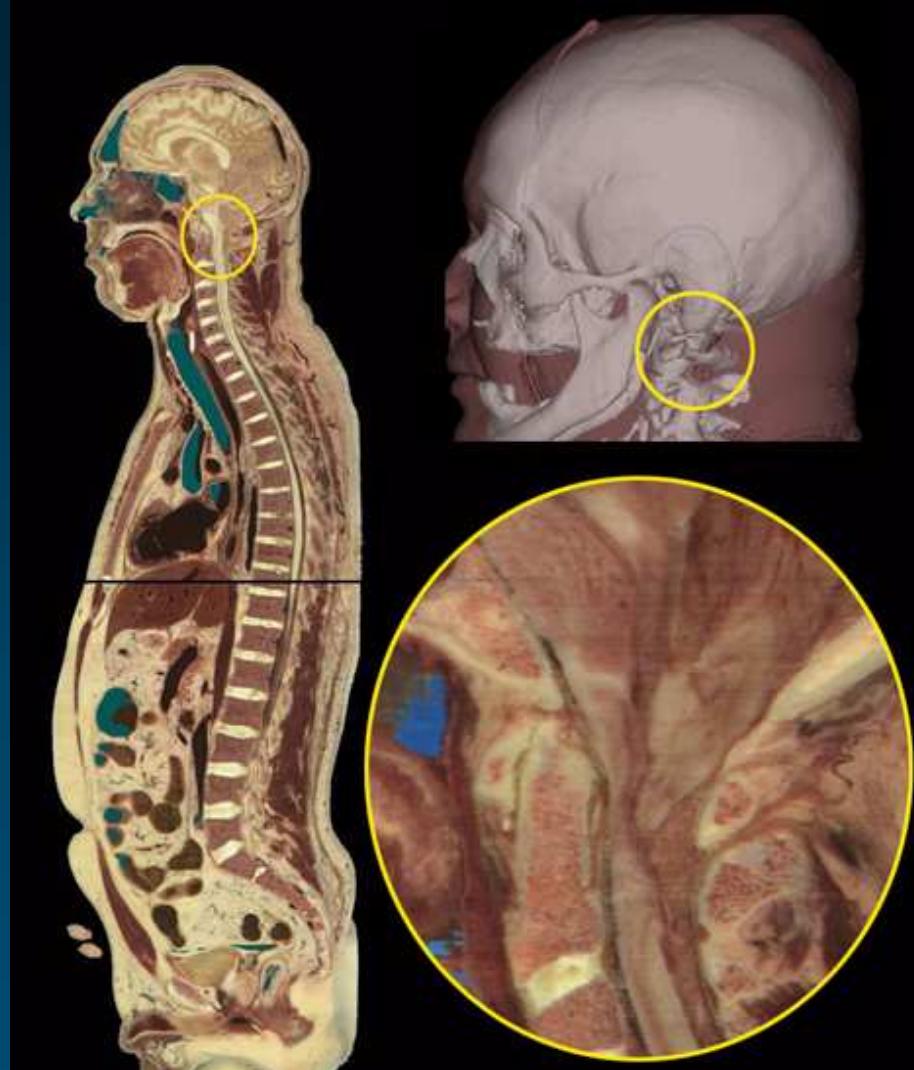
Resource Information

[Understanding Clinical Trials](#) - information explaining and describing clinical trials
[MEDLINEplus](#) - authoritative consumer health information
[NIH Health Information](#) - research supported by the National Institutes of Health
[healthfinder®](#) - consumer health and human services information

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Visible Human project



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NCBI HomePage - Netscape

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National Center for Biotechnology Information

National Library of Medicine National Institutes of Health

PubMed Entrez BLAST OMIM Books TaxBrowser Structure

Search for

SITE MAP
Guide to NCBI resources

About NCBI **NEW**
The science behind our resources. An introduction for researchers, educators and the public.

NEW More...

GenBank
Sequence submission support and software

Molecular databases
Sequences, structures and taxonomy

Literature databases
PubMed, OMIM, Books and PubMed Central

Genomic biology
The human genome,

► What does NCBI do?

Established in 1988 as a national resource for molecular biology information, NCBI creates public databases, conducts research in computational biology, develops software tools for analyzing genome data, and disseminates biomedical information - all for the better understanding of molecular processes affecting human health and disease.

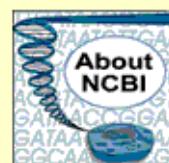
► Hot Spots

- Cancer genome anatomy project
- Clusters of orthologous groups
- Coffee Break
- Electronic PCR
- Gene expression omnibus
- Genes and disease
- Human genome resources
- Human map viewer
- Human/mouse homology maps
- LocusLink
- Malaria genetics & genomics

Draft Human Genome

Explore [human genome resources](#) or browse the human genome sequence using the [Map Viewer](#).

What "About" NCBI?

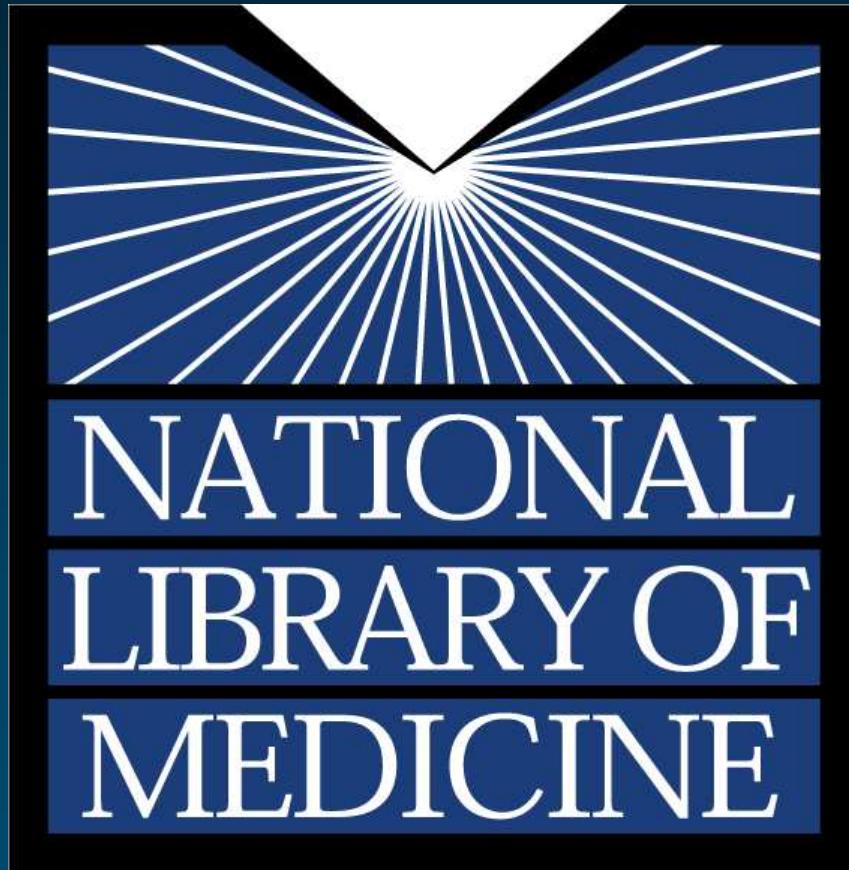


Visit our new "About" section to see who we are and what we do. Browse our science primer to gain an understanding of the science behind our resources and explore our databases and tools to see what we can do for you. More...

► NCBI in the News

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Remerciements



- ◆ Melanie MODLIN
Public Information Specialist

- ◆ Craig LOCATIS
Videoconference Guru



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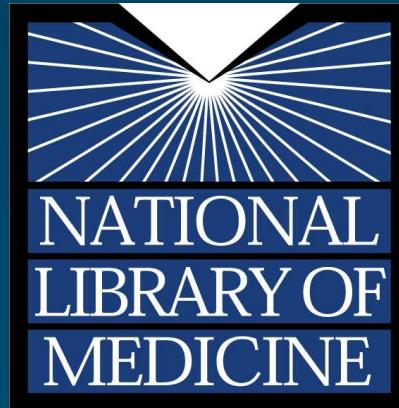
Ressources

- L, M, M, V : 8:30-17:00
- Jeudi : 8:30-21:00 (-17:00 l'été)
- Samedi : 8:30-12:30

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www.nlm.nih.gov
- ◆ MEDLINE (PubMed)
www.ncbi.nlm.nih.gov/entrez/query.fcgi
- ◆ MEDLINEplus medlineplus.gov
- ◆ Gateway gateway.nlm.nih.gov
- ◆ ClinicalTrials.gov
- ◆ Visible Human project
www.nlm.nih.gov/research/visible/visible_human.html



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